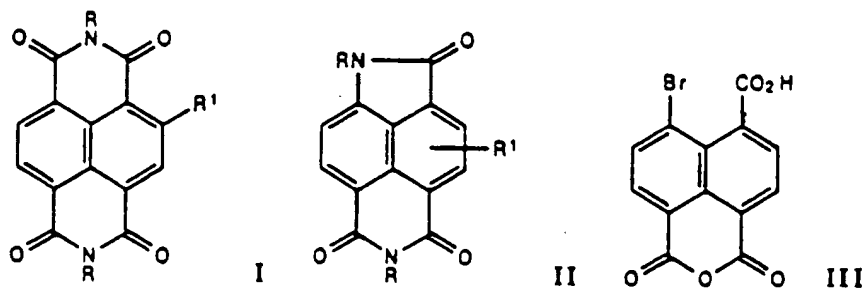


XP-002105831

5001 Chemical Abstracts, Columbus, Ohio, US
Vol: 107: 1987: 03 august no. 5

Page: 686

107: 39655v 1,4,5,8-Naphthalenetetracarboxylic acid derivatives.
V. Reaction of 1,4,5,8-naphthalenetetracarboxylic diimides
with bases. Bondarenko, E. F.; Shigalevskii, V. A. (Nauchno-Issled.
Inst. Org. Poluprod. Krasitelei, Rubezhnoe, USSR). *Zh. Org. Khim.*
1986, 22(6), 1282-6 (Russ). Treating naphthalenetetracarboxylic



diimides I [$R = \text{Ph, Me, MeO(CH}_2)_3, 4\text{-BrC}_6\text{H}_4, R^1 = \text{H}$] with KOH
in Me cellosolve at reflux gave 42.5–65.0% isoindoloisoquinolines II,
which ($R = \text{Ph, Me, } R^1 = \text{H}$) were also prepd. in 82.2 and 89.4%
yields by cyclocondensation of anhydrides III with RNH_2 .

Best Available Copy